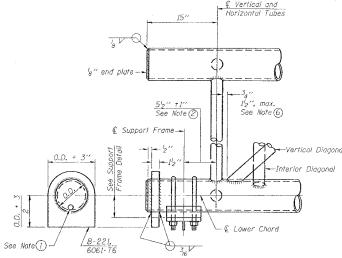
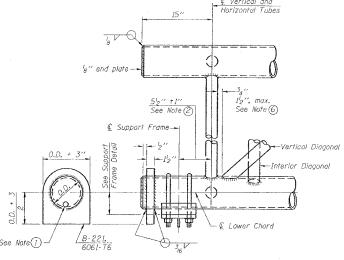
Horizontal
(Lower Chord-all panel points) (Upper Chord- each end of each - Chord Interior Diagonal (One shown - Typ. ali panel points) € Vertical and Horizontal Tubes PLAN '8" end plate ⊢See Note④

- Interior Diagonal

ELEVATION TYPICAL INTERIOR UNIT Even number of panels/interior unit required.



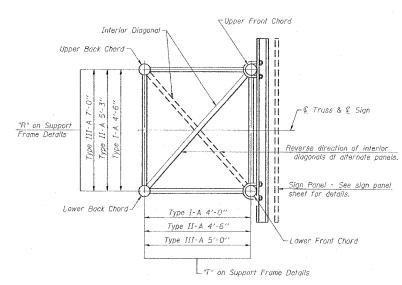
SUPPORT END DETAIL FOR EXTERIOR UNIT



9", max. See Note 6 shall be cut back to facilitate throat thickness per AWS D1.1, Fig 3.2 -Interior Diagonal TYPICAL JOINT DETAILS DETAIL A

(Lower Chord-all panel points)
(Upper Chord- each end of each Horizontal Diagonal
See Note (5) Interior Diagonal (One shown - Typ. all panel points) <u>PLAN</u> ±912" └ Chord Vertical (Each end of units only) Vertical Diagonal See Note (4)

> **ELEVATION** TYPICAL EXTERIOR UNIT Even or odd number of panels/exterior units allowed.



SECTION A-A

- Contractor may alternatively use standard aluminum drive-fit cap to close end.  $^{l}_{2}$   $^{\prime\prime}$   $\phi$  drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- (2)  $5\frac{1}{2}$ " end dimension may vary by  $\pm 1$ " to provide uniform panel spacing (P).
- Panel spacing (P) shall be uniform for entire truss and between 4'-0'' and 5'-0'' for Type I-A or 4'-0'' and 5'-6'' for Types II-A and III-A.
- (4) Vertical Diagonals in front and back face shall alternate.
- (5) Hidden lines show wind bracing alternates direction between planes of top and
- All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a  ${}^3_4$ ' minimum to  ${}^1_2$ ' maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for  ${}^1$ -ball connections of signs or walkway brackets.

DATE

NUMBER	REVISION	DAT
1		
		-

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONTRACT NO. 98950 SECTION COUNTY TOTAL SHEE SHEETS NO.

TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT \* I-57, & OLD IL 13 (FAU 9629)

\* \* (X1-6-2)VB-2,(X1-6)HBK-2

WILLIAMSON 917

\*\*

STA.

-Interior Diagonal

OVERHEAD SIGN STRUCTURES ALUMINUM TRUSS DETAILS FOR TRUSS TYPES I-A, II-A and III-A

SCALE: VERT. NONE DATE

DRAWN BY CNH CHECKED BY

DATE = 10/12/2006
NAME = ci\projects\d98
SCALE = 50.0000 '/ IN.
NAME = becon

**OS-A-2** 1-7-05

<u>Vertical</u> (Each end of